

Please ADD new claim 21 as follows:

1. (PREVIOUSLY PRESENTED) An ink-jet printer comprising:

a guide shaft;

a carriage supported by the guide shaft and reciprocating thereon;

an ink cartridge mounted in the carriage and having a print head to eject ink on an ink ejecting area of a printing paper during a printing operation of the printer;

a feeding roller to convey the printing paper to the print head; and

a waste ink-collecting unit to collect waste ink that is ejected from the print head onto an area other than the printing paper during the printing operation,

the waste ink-collecting unit comprising:

a waste ink-collecting tank disposed adjacent to the print head, to collect the waste ink from the print head, and

a collecting roller rotatably disposed at an entrance of the collecting tank, to guide the waste ink from the print head to the collecting tank.

2. (PREVIOUSLY PRESENTED) An ink-jet printer comprising:

a guide shaft;

a carriage supported by the guide shaft and reciprocating thereon;

an ink cartridge mounted in the carriage and having a print head to eject ink on an ink ejecting area of a printing paper;

a feeding roller to convey the printing paper to the print head; and

a waste ink-collecting unit to collect waste ink that is ejected from the print head onto an area other than the printing paper,

the waste ink-collecting unit comprising:

a waste ink-collecting tank disposed adjacent to the print head, to collect the

waste ink from the print head, and

a collecting roller rotatably disposed at an entrance of the collecting tank, to guide the waste ink from the print head to the collecting tank,

wherein the waste ink-collecting unit further comprises a paper guide frame to guide the printing paper conveyed by the feeding roller to have a predetermined head gap with respect to the print head, and having an opening corresponding to the ink ejecting area and the collecting roller.

3. (ORIGINAL) The ink-jet printer of claim 2, wherein the waste ink-collecting unit further comprises a cleaning unit to clean the waste ink on the collecting roller.

4. (ORIGINAL) The ink-jet printer of claim 3, wherein the cleaning unit comprises:  
a cleaning blade spaced apart from an outer circumference of the collecting roller, to scrape the waste ink from the outer circumference of the collecting roller; and  
a cleaning member disposed in contact with the collecting roller, to absorb the waste ink that is not removed by the cleaning blade.

5. (ORIGINAL) The ink-jet printer of claim 4, wherein the cleaning blade is integrally formed with the collecting tank and protrudes from an inner circumference of the collecting tank.

6. (ORIGINAL) The ink-jet printer of claim 3, further comprising a gear train to connect the collecting roller to the feeding roller, wherein the collecting roller rotates in association with the feeding roller.

7. (ORIGINAL) The ink-jet printer of claim 2, wherein an inside of the collecting tank includes an ink absorbent body of a porous material, to absorb the collected waste ink in the

collecting tank.

8. (ORIGINAL) The ink-jet printer of claim 4, wherein the cleaning blade and the cleaning member have lengths greater than or equal to a length of the collecting roller.

9. (ORIGINAL) The ink-jet printer of claim 3, wherein the collecting roller is shorter than the collecting tank in length.

10. (ORIGINAL) An apparatus comprising:

a print head to eject ink towards a paper; and

a frame to guide the paper, the frame forming a hole to pass the ejected ink not received by the paper.

11. (ORIGINAL) The apparatus of claim 10, wherein the paper maintains a constant head gap with the frame.

12. (ORIGINAL) The apparatus of claim 10, further comprising a waste collector to collect the ink which has passed through the hole.

13. (ORIGINAL) The apparatus of claim 12, wherein the waste collector comprises a first roller to receive the ink which has passed through the hole.

14. (ORIGINAL) The apparatus of claim 13, wherein the waste collector further comprises a tank to collect the ink which is received by the first roller.

15. (ORIGINAL) The apparatus of claim 14, wherein the waste collector further

comprises a second roller to receive the ink from the first roller which is not collected by the tank.

16. (ORIGINAL) The apparatus of claim 15, wherein the second roller is a sponge.

17. (ORIGINAL) The apparatus of claim 13, wherein the first roller has a length longer than a width of the frame and a width of the paper.

18. (ORIGINAL) The apparatus of claim 13, wherein the first roller has a length shorter than a length of the tank and a width of the paper.

19. (ORIGINAL) The apparatus of claim 13, further comprising a second roller to feed the paper to the print head, the first and third rollers rotating in a same direction.

20. (ORIGINAL) The apparatus of claim 15, wherein the waste collector further comprises a blade protruding from the tank to scrape the ink from the first roller.

21. (NEW) The apparatus of claim 10, wherein the ink passes through the hole when the paper partially covers the hole.